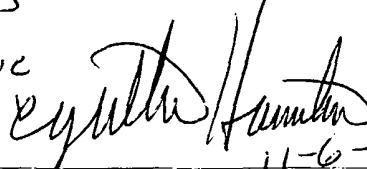


| L Number | Hits  | Search Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DB                 | Time stamp       |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|
| 1        | 850   | 430/272.1,275.1.ccis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB | 2003/11/06 13:02 |
|          | 11881 | butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrafurane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB | 2003/11/06 11:18 |
|          | 5492  | cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;             | 2003/08/01 15:48 |
|          | 5956  | propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB | 2003/08/01 15:52 |
|          | 38143 | cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT;             | 2003/08/01 15:53 |
|          | 69804 | butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT;             | 2003/08/01 15:54 |
|          | 98449 | ( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrafurane ) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek)                                            | USPAT;<br>US-PGPUB | 2003/08/01 15:56 |
|          | 5282  | su8 or su adj "8" or su\$3 adj "8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;             | 2003/08/01 16:22 |
|          | 682   | (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrafurane ) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek)) and (su8 or su adj "8" or su\$3 adj "8") | USPAT;<br>US-PGPUB | 2003/08/01 15:57 |
|          | 18595 | \$caprolacton\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB | 2003/08/01 17:06 |

EAST DATA Base Search History

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|  | 3    | (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofurane ) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek)) same (su8 or su adj "8" or su\$3 adj "8") and \$caprolacton\$ (su8 or su adj "8" or su\$3 adj "8") and \$caprolacton\$ | USPAT; US-PGPUB | 2003/08/01 15:58 |
|  | 159  | (su8 or su adj "8" or su\$3 adj "8") same \$caprolacton\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT; US-PGPUB | 2003/08/01 16:00 |
|  | 15   | (su8 or su adj "8" or su\$3 adj "8") same \$caprolacton\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT; US-PGPUB | 2003/08/01 16:00 |
|  | 144  | ((su8 or su adj "8" or su\$3 adj "8") and \$caprolacton\$) not ((su8 or su adj "8" or su\$3 adj "8") same \$caprolacton\$)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT; US-PGPUB | 2003/08/01 16:01 |
|  | 157  | (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofurane ) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek)) same (su8 or su adj "8" or su\$3 adj "8") (su8 or su adj "8" or su\$3 adj "8") not sup                                 | USPAT; US-PGPUB | 2003/08/01 16:21 |
|  | 3904 | (su8 or su adj "8" or su\$3 adj "8") not sup                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT; US-PGPUB | 2003/11/06 12:50 |
|  | 449  | ((su8 or su adj "8" or su\$3 adj "8") not sup) and (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofurane ) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek))                                                                     | USPAT; US-PGPUB | 2003/08/01 16:27 |

|  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                  |
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|  | 408 | ((su8 or su adj "8" or su\$3 adj "8") not sup) and (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofuran) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek))) not super         | USPAT; US-PGPUB | 2003/08/01 16:28 |
|  | 339 | ((su8 or su adj "8" or su\$3 adj "8") not sup) and (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofuran) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek))) not super not sub | USPAT; US-PGPUB | 2003/08/01 16:32 |
|  | 1   | octaglycidylether or octaglycidyl adj ether                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT; US-PGPUB | 2003/08/01 16:32 |
|  | 65  | 430/280.1.ccls. and tone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT; US-PGPUB | 2003/08/01 17:04 |
|  | 40  | 430/280.1.ccls. and tone and (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofuran) (cyclopantanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek)))                                         | USPAT; US-PGPUB | 2003/08/01 17:04 |

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|  | 6     | (430/280.1.ccls. and tone and (( butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopantan adj "2" adj one or oxolanone or oxotetrahydrofurane ) (cyclopentanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) ( propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek))) and \$caprolacton\$ \$caprolacton\$ and 430/280.1.ccls. | USPAT; US-PGPUB                             | 2003/08/01 17:05 |
|  | 100   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT; US-PGPUB                             | 2003/08/01 17:07 |
|  | 24395 | \$caprolacton\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/25 12:15 |
|  | 0     | \$caprolacton\$ and 430/20.1.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/25 09:02 |
|  | 0     | \$caprolacton\$ and 430/20.1.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/25 09:03 |
|  | 0     | 430/20.1.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/25 09:02 |
|  | 101   | \$caprolacton\$ and 430/280.1.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/06 12:06 |
|  | 1     | us-20030003398-\$ .did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EPO; JPO; DERWENT                           | 2003/08/25 11:44 |
|  | 5590  | \$caprolacton\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EPO; JPO; DERWENT; IBM_TDB                  | 2003/08/25 12:16 |
|  | 63    | \$caprolacton\$ and (g03f\$.ipc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EPO; JPO; DERWENT; IBM_TDB                  | 2003/08/25 12:16 |
|  | 15    | 430/280.1.ccls. and @pd>20030824                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT; US-PGPUB                             | 2003/11/06 12:05 |
|  | 4423  | 430/311,326,330.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | USPAT; US-PGPUB                             | 2003/11/06 12:05 |
|  | 622   | 430/280.1.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT; US-PGPUB                             | 2003/11/06 12:06 |
|  | 4308  | 430/311,326,330.ccls. not 430/280.1.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT; US-PGPUB                             | 2003/11/06 12:06 |
|  | 53    | \$caprolacton\$ and (430/311,326,330.ccls. not 430/280.1.ccls.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT; US-PGPUB                             | 2003/11/06 12:49 |
|  | 0     | 6555286.URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT                                       | 2003/11/06 12:44 |
|  | 4255  | (430/311,326,330.ccls. not 430/280.1.ccls.) not (\$caprolacton\$ and (430/311,326,330.ccls. not 430/280.1.ccls.))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT; US-PGPUB                             | 2003/11/06 12:50 |

|  |  |                                                                                                                                                                       |                    |                  |
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|  |  | 28 (su8 or su adj "8" or su\$3 adj "8") and ((430/311,326,330.ccls.<br>not 430/280.1.ccls.) not (\$caprolacton\$ and<br>(430/311,326,330.ccls. not 430/280.1.ccls.))) | USPAT;<br>US-PGPUB | 2003/11/06 12:50 |
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